

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/016715

A. CLASSIFICATION OF SUBJECT MATTER

H05B3/10 (2006.01), A45D20/10 (2006.01), F24H3/04 (2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H05B3/10 (2006.01), A45D20/10 (2006.01), F24H3/04 (2006.01)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP 64-22952 U (Aichi Denki Kabushiki Kaisha), 07 February, 1989 (07.02.89), Page 1, lines 4 to 6; page 1, lines 16 to 17; Figs. 1 to 4 (Family: none)	1 2-8
Y A	JP 11-281075 A (SAN-AI CO., LTD.), 15 October, 1999 (15.10.99), Page 2, column 1, lines 8 to 11; page 2, column 1, lines 22 to 26; page 2, column 2, lines 18 to 20; Figs. 4 to 5 (Family: none)	1 2-8

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
26 October, 2005 (26.10.05)Date of mailing of the international search report
08 November, 2005 (08.11.05)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2000-150120 A (Solco Surgical Instruments Co., Ltd.), 30 May, 2000 (30.05.00), Page 2, column 1, lines 2 to 9; page 3, column 4, lines 23 to 25; page 3, column 4, lines 32 to 37; Fig. 5	2-8
A	JP 62-148606 A (Matsushita Electric Works, Ltd.), 02 July, 1987 (02.07.87), Page 1, right column, lines 6 to 10; page 3, lower right column, line 17 to page 4, upper left column, line 1; Figs. 3, 7, 8 (Family: none)	2-8
A	JP 2004-524120 A (Slingo, Fred M.), 12 August, 2004 (12.08.04), Page 3, lines 30 to 31; page 3, lines 16 to 17; page 3, line 50 to page 4, line 1; page 4, lines 25 to 28; page 4, lines 40 to 44; Figs. 1 to 2	3-8
A	JP 7-303709 A (Yoshiaki SEKI), 21 November, 1995 (21.11.95), Page 2, column 1, lines 6 to 10; page 2, column 1, lines 11 to 14; page 3, column 4, lines 34 to 35; page 4, column 5, lines 26 to 35; page 5, column 7, lines 23 to 29; Fig. 1; table 1 (Family: none)	4-8
A	JP 4-50185 A (Denki Kagaku Kogyo Kabushiki Kaisha), 19 February, 1992 (19.02.92), Page 1, left column, lines 4 to 6; page 1, right column, the last line to page 2, upper left column, line 4; page 2, lower left column, line 17 to lower right column, line 5; page 2, lower right column, lines 15 to 20 (Family: none)	8

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

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